



Network of Networks 2018

Paris - June 12-th

L'école de Musique - Chateaufort République 8 bis rue de la Fontaine au Roi, 75011 Paris

8.00 – 8.45 Room Set Up

8.45 **Welcome** (*Gregorio D'Agostino & Antonio Scala*)

Session I

8:50 Keynote: **Raissa D'Souza**, University of California – Davis

"Insights on cascading failures, restoration and control of interdependent networks"

9:30 Keynote: **Irena Vodenska**, Boston University

"Network approach to understanding the fragility of financial systems "

10:10 **Omur Ozel, Bruno Sinopoli and Osman Yagan**, Carnegie Mellon University

"Robustness of flow networks against cascading failures under partial load redistribution"

10:30 **Andrea Kadovic, Sebastian Krause, Guido Caldarelli** and Vinko Zlatic***

*Institute Rudjer Boskovic **CNR Roma

"Bond and site color-avoiding percolation in scale free networks"

10.50 – 11.10 Coffee Break

Session II

11:10 Keynote: **Yamir Moreno**, University of Zaragoza

"Multilayer systems: from diffusion processes to disease spreading"

11:50 Keynote: **Guido Caldarelli**, IMT Lucca – CNR Roma

"A Complex Network Approach for the Estimation of the Energy Demand of Electric Mobility"

12:30 **Rebekka Burkholz** and **Frank Schweitzer**, ETH Zurich

"Correlations between thresholds and degrees: An analytic approach to model attacks and failure cascades"

12:50 **Ruiqi Li***, **Zengru Di*** and **Gene Stanley****,

*School of Systems Science, Beijing Normal University, **Boston University

"Simple spatial scaling rules behind complex cities"

13.10 -13.15 **Closing remarks**